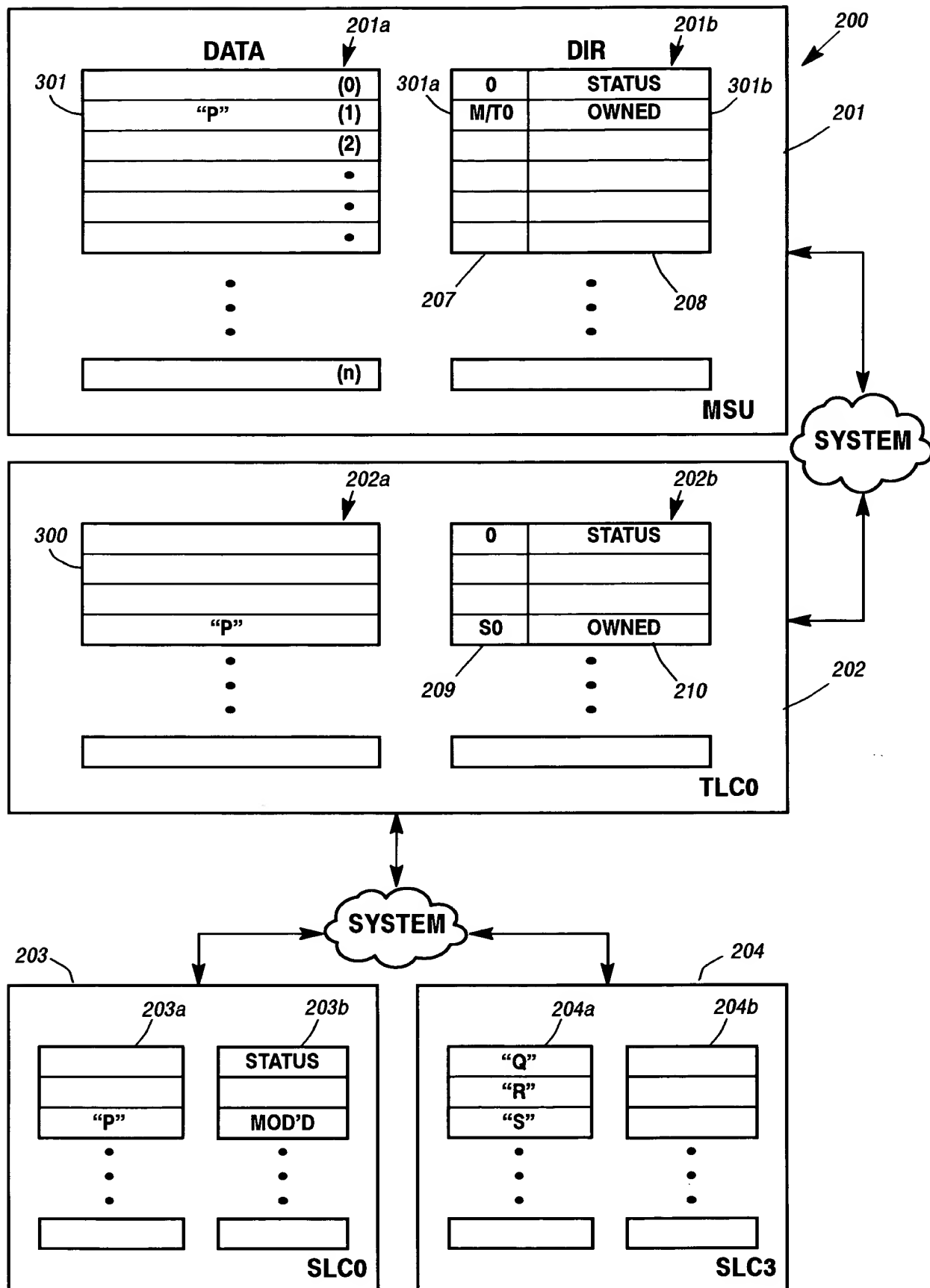
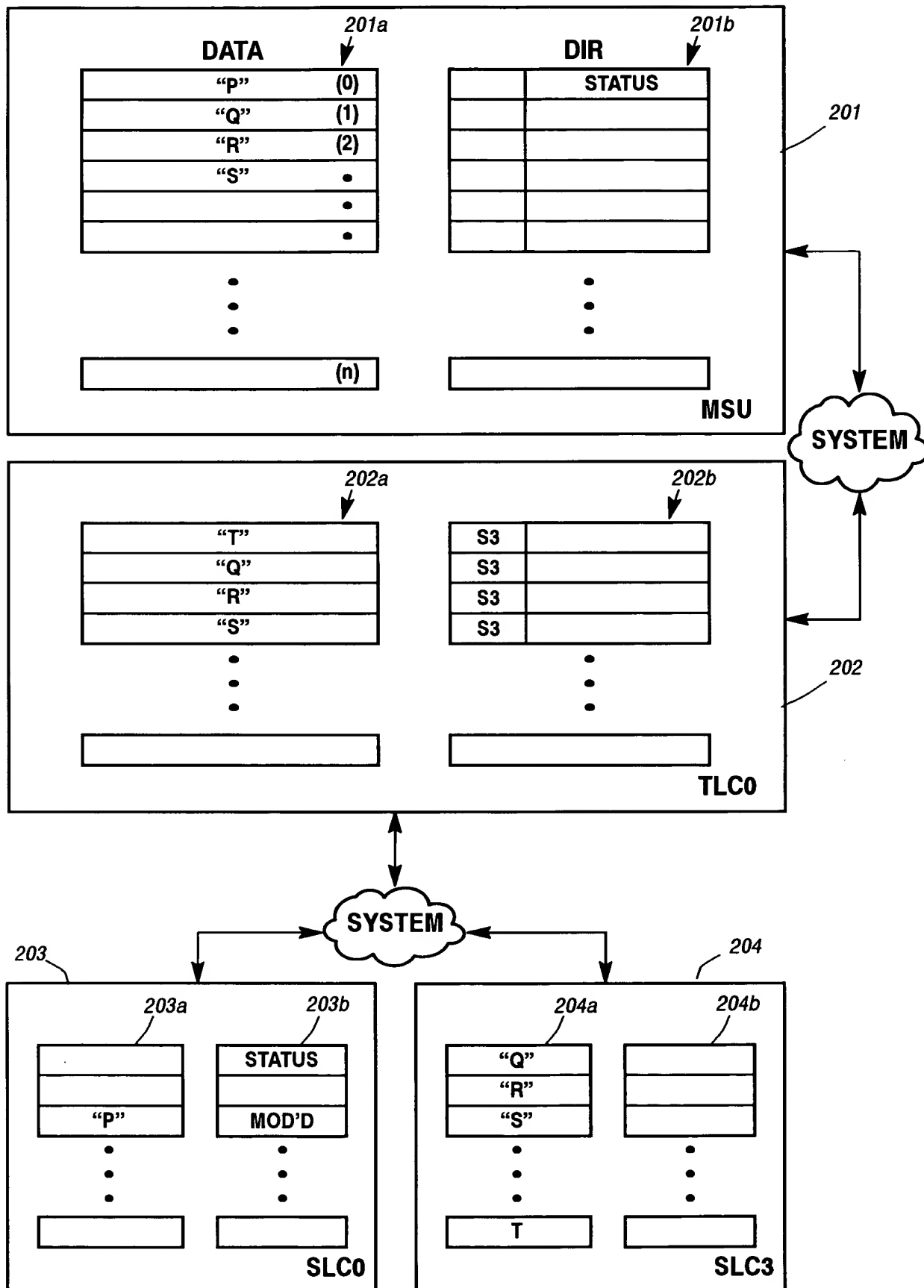


**Figure 1**



**Figure 2**

**Figure 2A**



**Figure 2B**

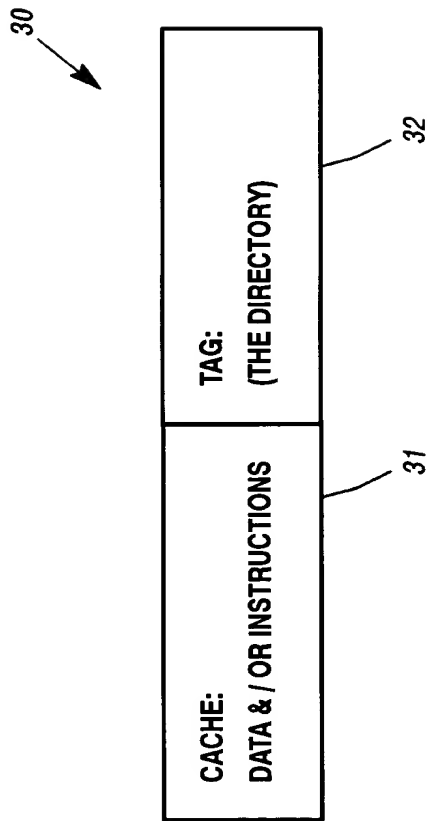


Figure 3

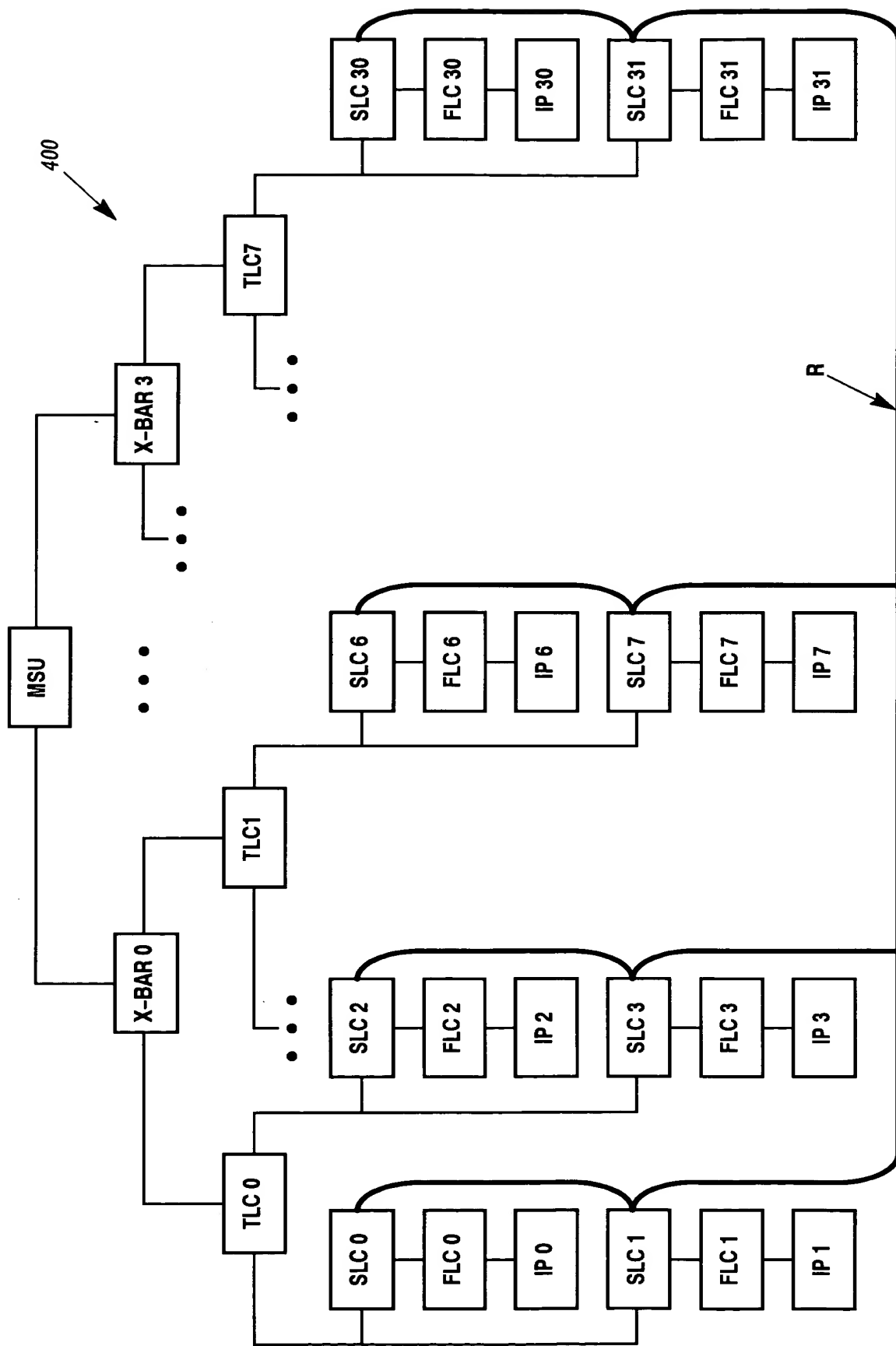


Figure 4

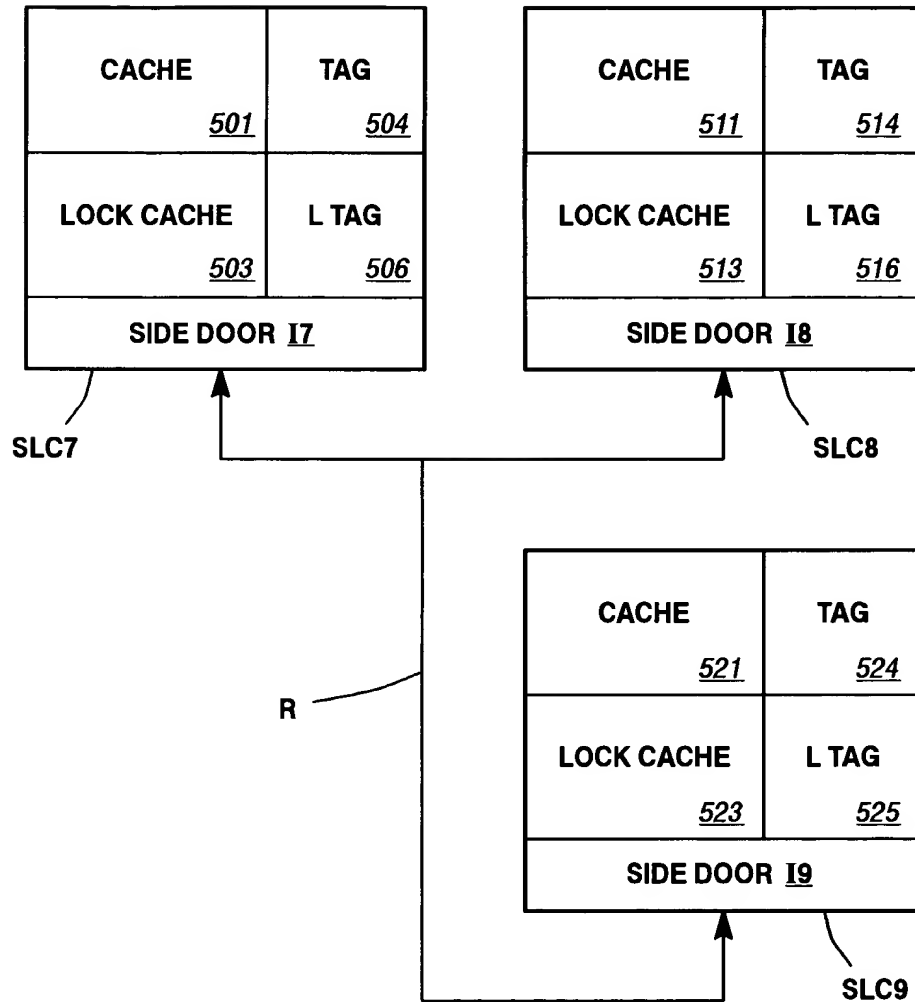
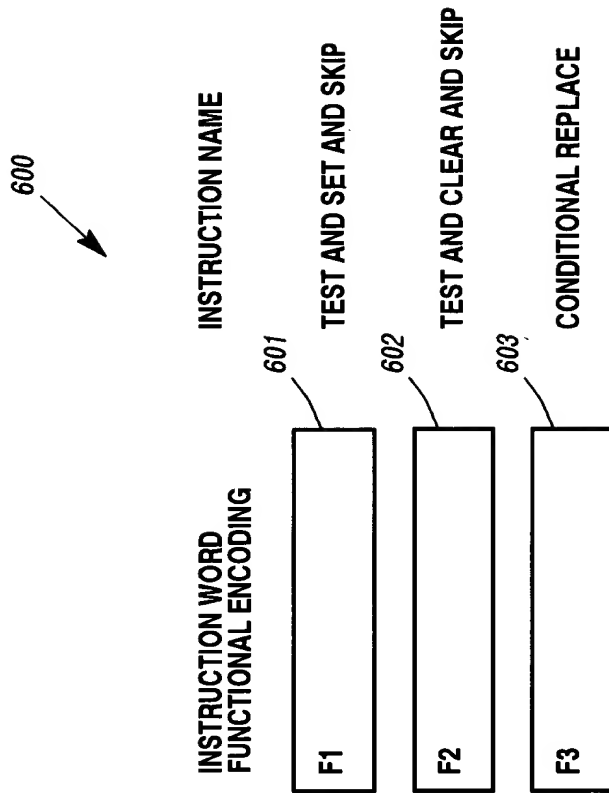


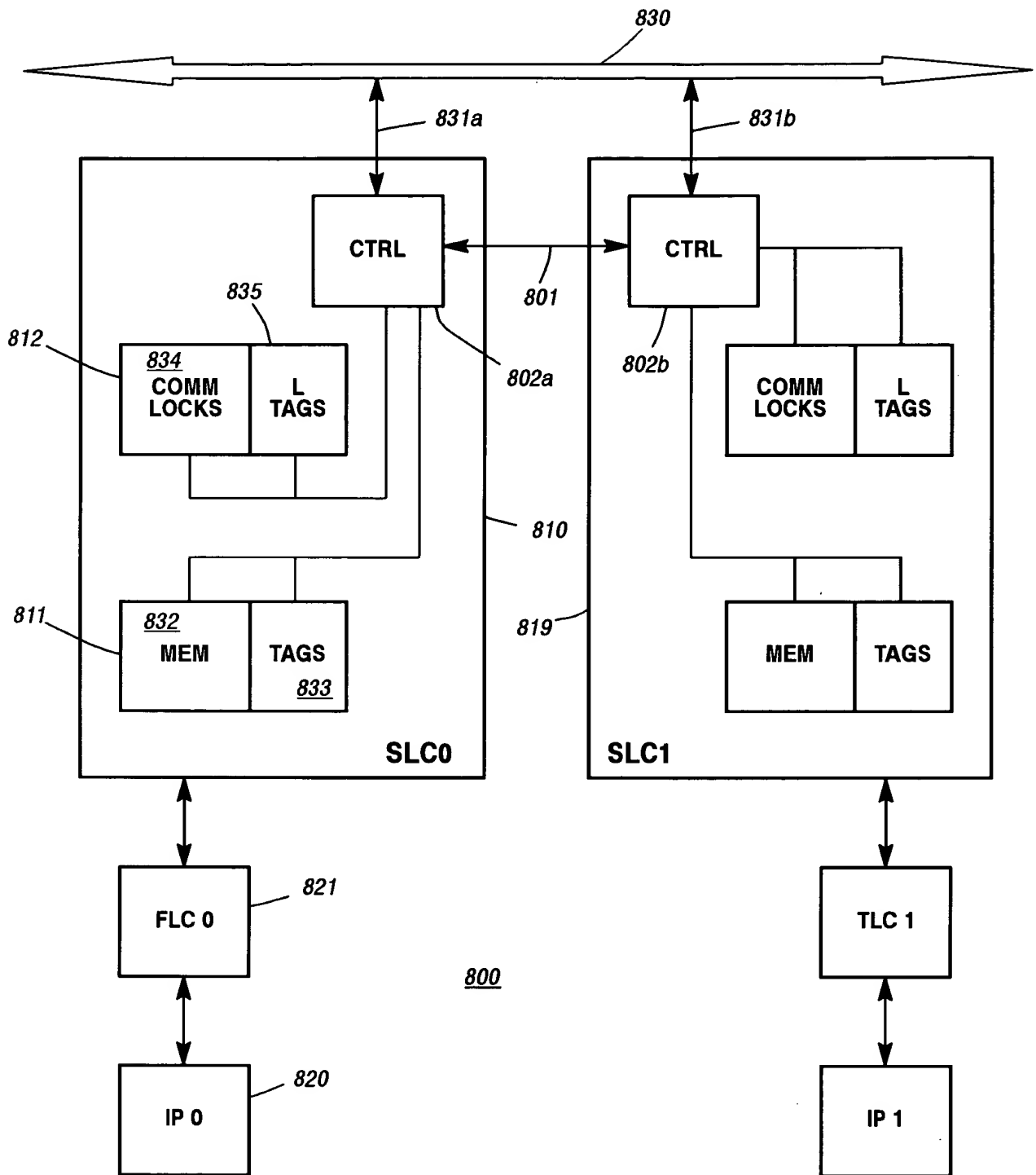
Figure 5



**Figure 6**  
***Lock Instructions***







**Figure 8A**

106080" 26552660

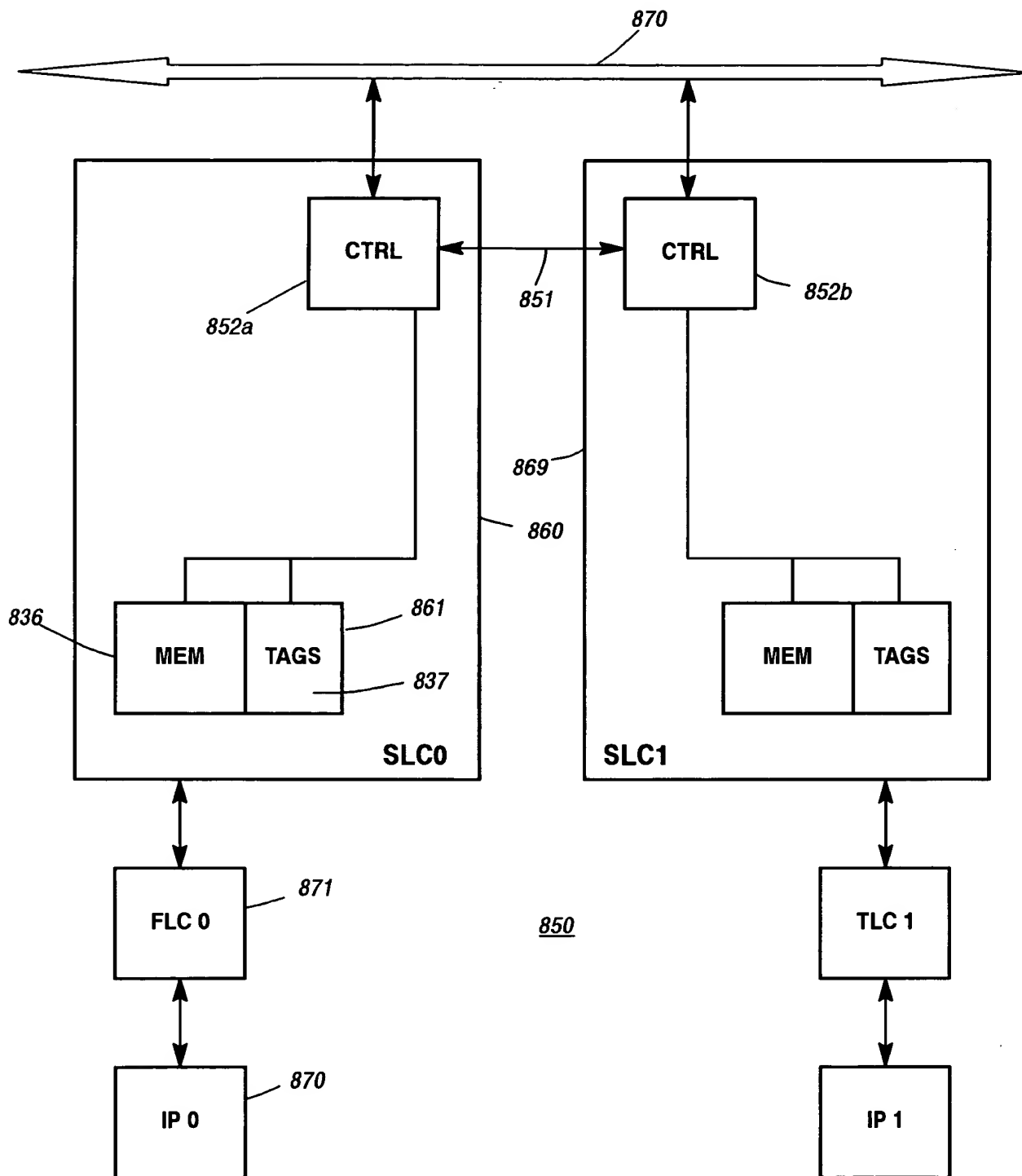


Figure 8B

FIG. 9

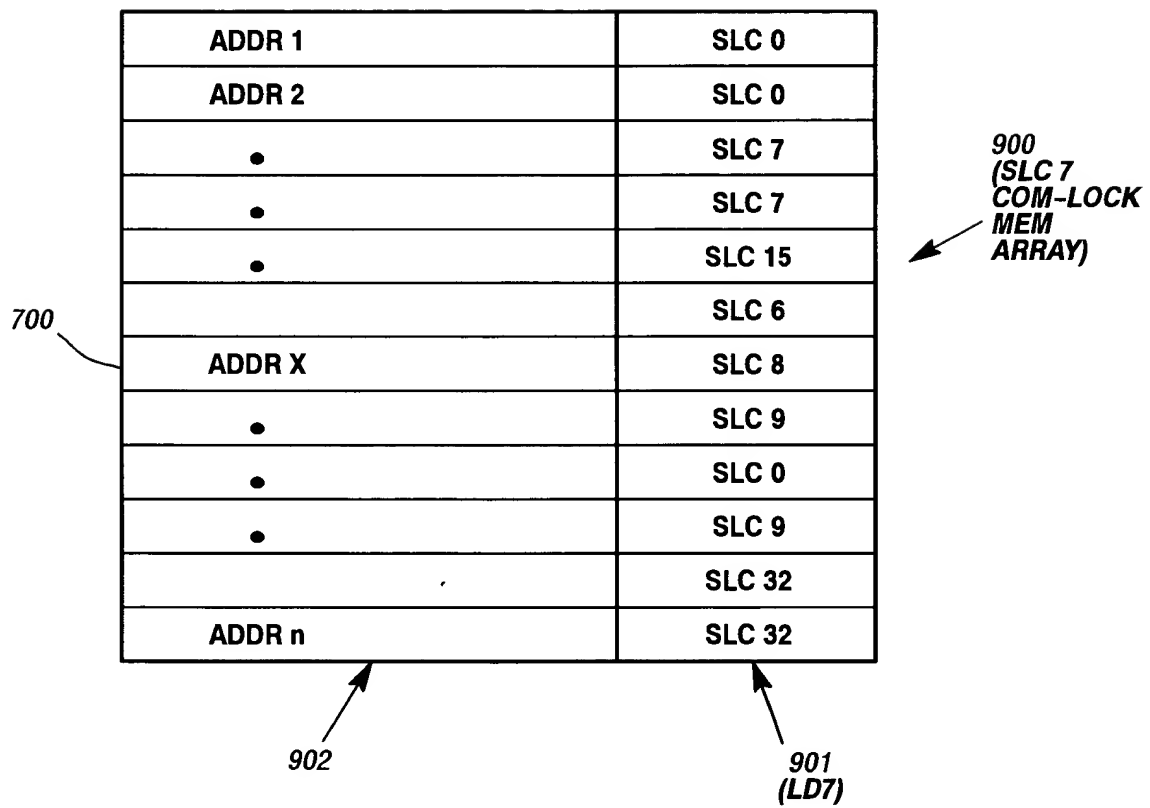
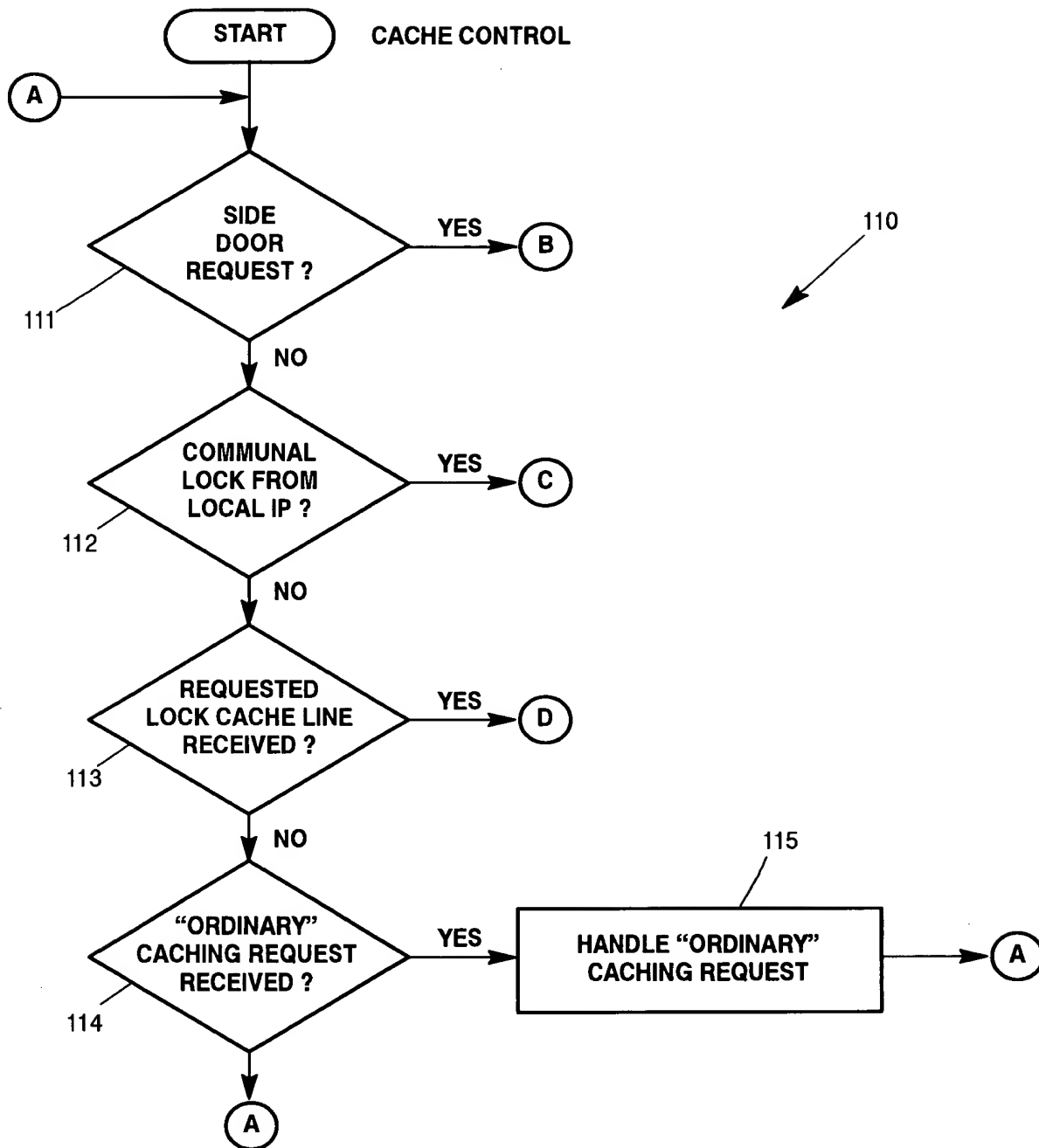
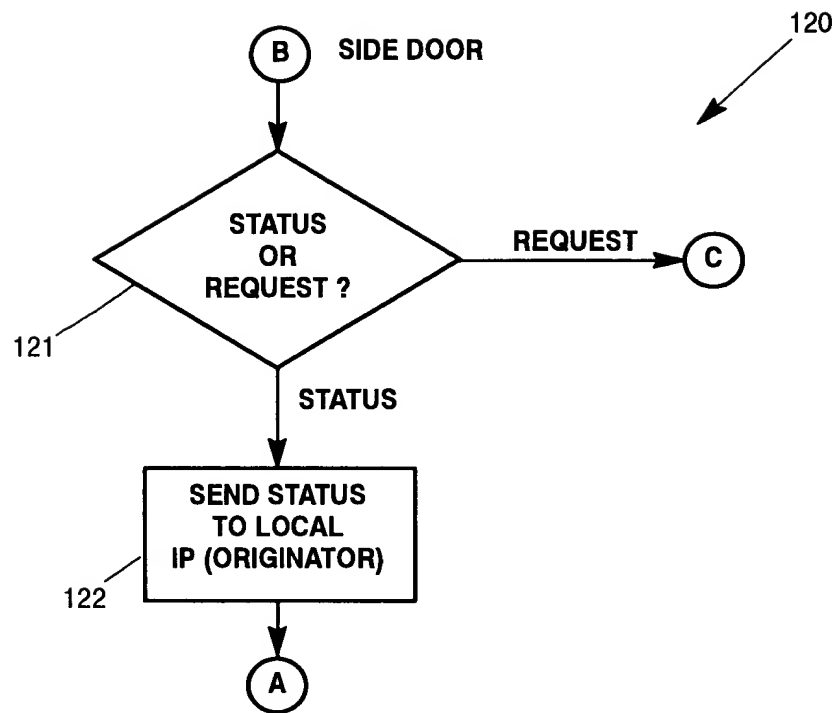


Figure 9

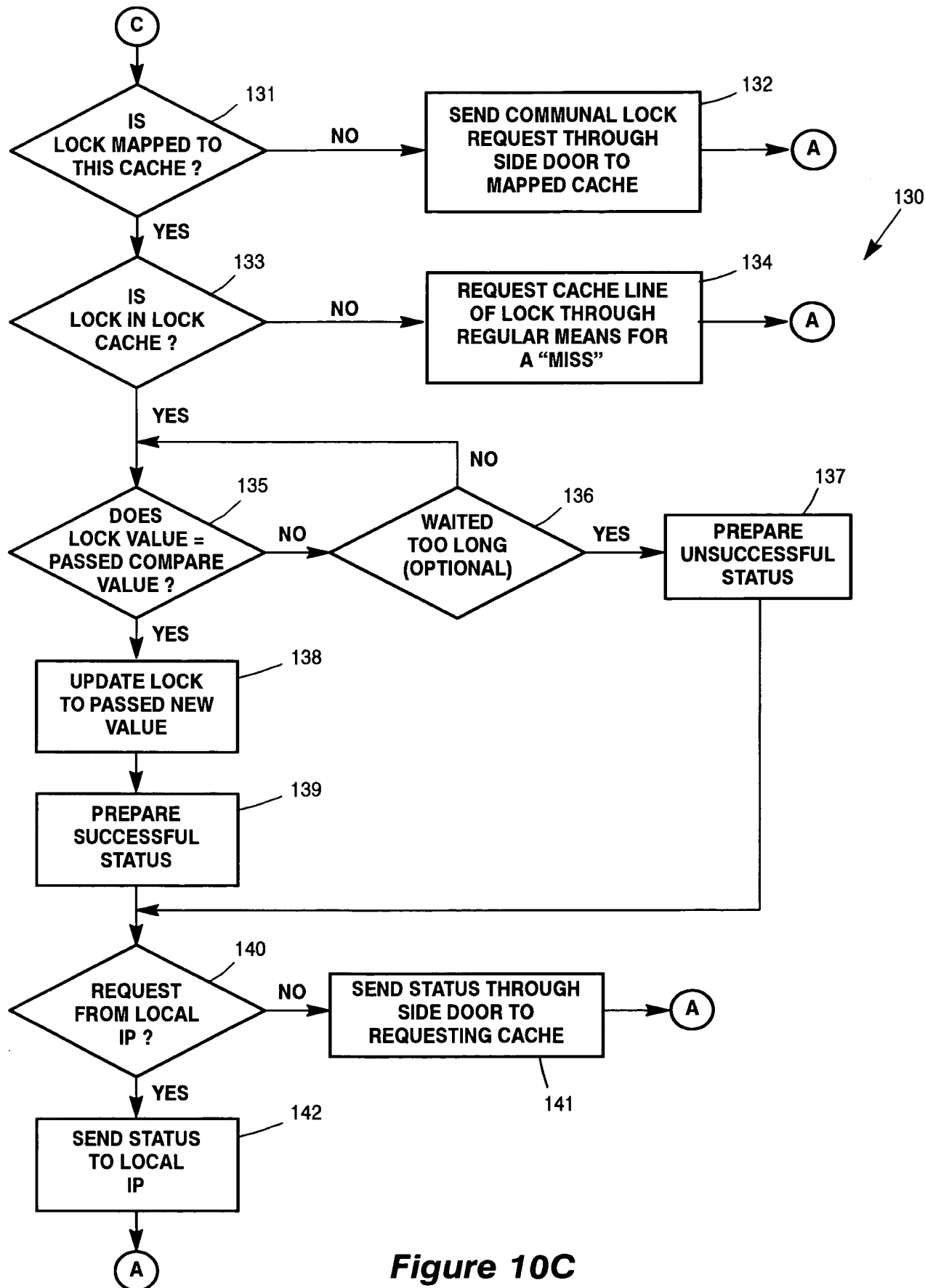


**Figure 10A**

09559 0801 10600" 26552660



**Figure 10B**



**Figure 10C**

09955926552660

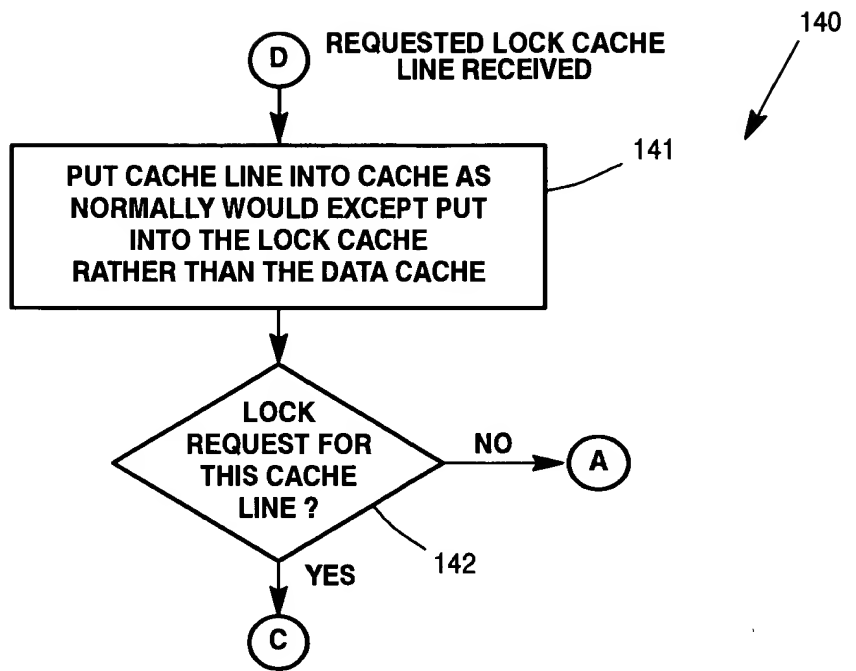
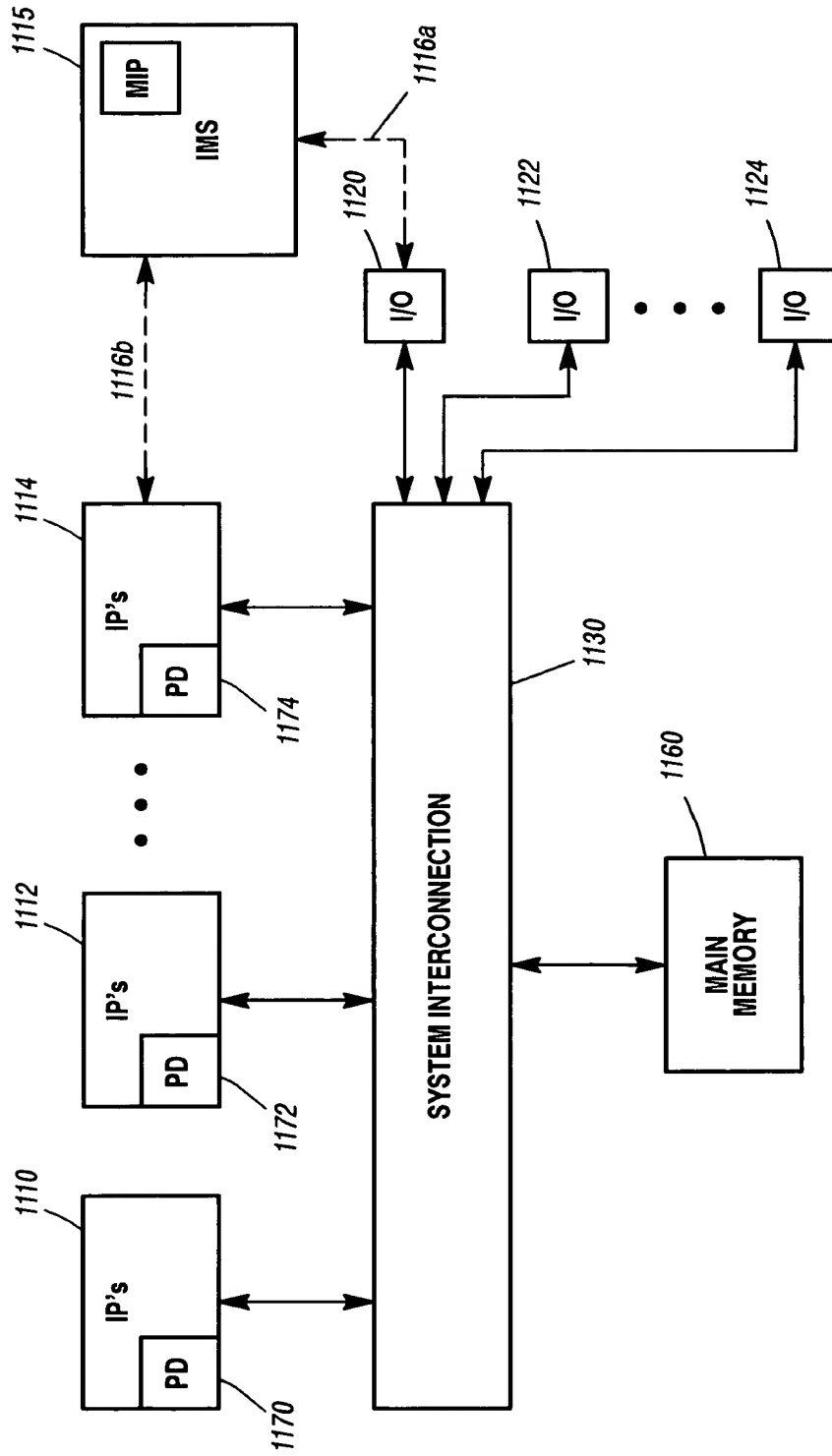
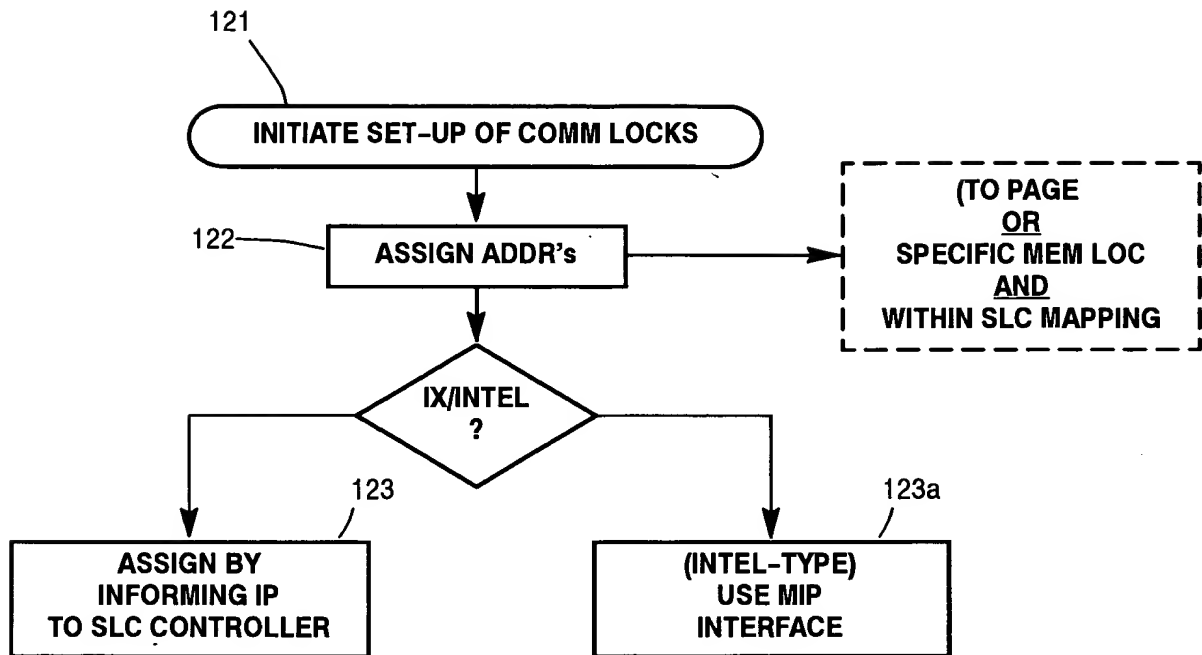


Figure 10D

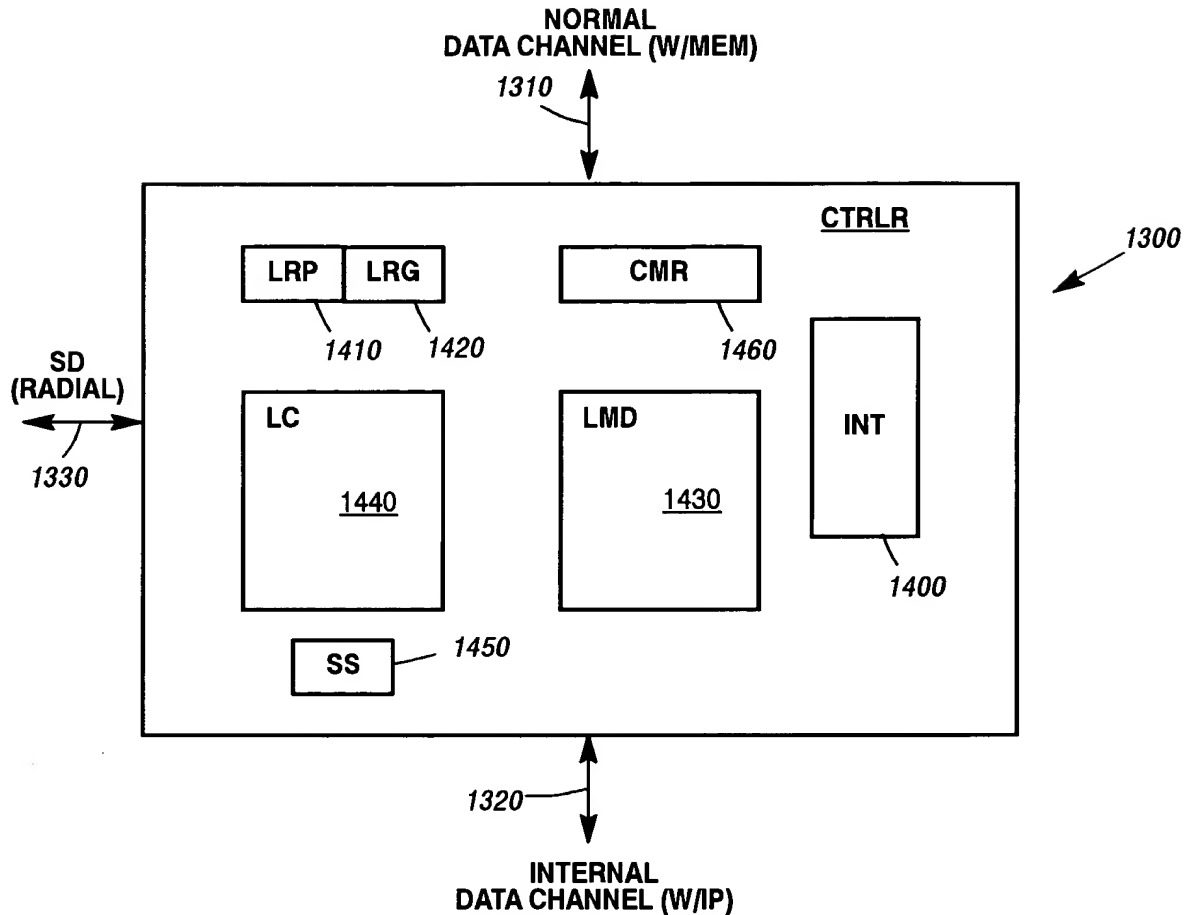




**Figure 11**



**Figure 12**



- LRG = LOCK REQ. GENERATOR - GENERATES / FORWARDS LOCK REQUEST IF LRP SAYS IT D/N HAVE IT.
- LRP = LOCK REQUEST (INSTRUCTION) PROCESSOR (HAS BIT CHANGER & CHECKS LMD & LC TO SEE IF (A) ITS HIS & (B) IF HE HAS IT)
- SD = SIDE DOOR (INCLUDES ID INFO PATH)
- CMR = COMPARITOR
- LMD = LOCK MAP DIRECTORY.
- LC = LOCK CACHE
- INT = INTERPRETER (IS THIS A LOCK REQUEST? ELSE PASS THROUGH AS NORMAL DATA)
- SS = STATUS STRIPPER (SENDS BACK LOCK STATUS TO SIDE DOOR WHEN OPERATION COMPLETES IN RESP TO SIDE DOOR REQ)

**Figure 13**